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Report 3

In the past two weeks I have continued working on the Pricing Dashboard project in the Research and Development group within DST Systems/SS&C. There is a team in the Financial Services Group who is responsible for documenting changes in prices of shares of Mutual Funds. These “Pricers” wait for a group called Fund Accounting to determine the prices of Mutual Funds. The job of the Pricers is to make sure every fund that should have a price has a price. Currently, they are using Microsoft Access to query live data and these queries are taking far too long to complete due to the query pulling more than the 2GB limit on Microsoft Access. The R&D team has been given the task of implementing an interactive dashboard to replace Microsoft Access. This dashboard, in theory, would include the ability to see what funds need to be priced on both the master level and by platform.

I have continued working on the user interface portion of the dashboard. The idea is to have a page with a multi-select dropdown that contains all the different systems and allows the user to select multiple systems and then the page would display a dial for each of the selected systems. This dial would show the percentage of the remaining items to be priced and also the rates for each of the prices. These would also be clickable and would lead you to another page with the specifics about that system.

So far, I have created a multi-select dropdown that allows the user to select what systems they want to view. I was recently able to add functionality to the dropdown, so now only the selected systems are displayed on the page and there is also a search function within the dropdown that lets the user search for a system name. I also added a link to the dials so that when you click them it takes you to the System Details page. However, I have not added anything to that page yet. I had to switch the npm package that I use for the dials in order to have the functionality of having dials nested within each other. I am currently working on the dials and trying to get them to display different data from each other. Right now I have them getting the data from the same array so they are all displaying the same thing. Once I get that working, I might be able to get it connected to the database and try implementing the mock data we were provided with.

Overall, I feel like I have been learning a lot at my internship this summer. Being able to work on the UI for this project from the ground up has given me a lot of experience working with angular and git. I look forward to connecting to the database and getting real data to show in the dials. I believe we are going to present the application next week to the people who will be using the application, so I hope that goes well.